Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Wednesday 09 Feb 2022 until 23:59 on Thursday 10 Feb 2022

Forecast Issued on Tuesday 08 Feb 2022 at 13:04

Confidence: High confidence for a generally colder, brighter more showery regime to become established. Lower confidence for the weekend

Headline for Wednesday 09 Feb 2022: Rain and summit snow clearing by dawn, then a cold, bright day with sunny spells and wintry showers.

Mountain weather hazards on Wednesday 09 Feb 2022

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
Low Likelihood

Severe chill effect
Medium Likelihood

Heavy persistent rain
Low Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 800m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Sleet	Sleet	Cloudy	Cloudy	Sunny intervals	Sunny intervals	Light snow showers (night)	Light snow showers (night)
Precipitation probability							
80%	80%	20%	<05%	20%	20%	30%	40%

Forecast for Wednesday 09 Feb 2022

Weather: Cloudy and wet in the early hours, but turning increasingly to snow at height. Becoming dry towards dawn with cloud breaking. Then a colder but bright day with sunny spells and wintry showers, though mainly as rain below 300m. Most showers onto western fells, with Helvellyn and High street perhaps only seeing the odd shower. Some clear spells in evening, but with wintry showers.

Chance of cloud-free hill tops above 800m: Almost nil overnight, then 80%.

Low cloud and visibility: Moderate or poor in rain and snow overnight with rather extensive cloud down to 400m, otherwise mainly good, but occasionally poor with broken cloud down to 450m in showers.

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Met Office Mountain Weather Forecast

Forecast for Wednesday 09 Feb 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	31/38 W	30/38 W	31/40 W	30/39 W	29/39 W	29/38 W	26/34 SW	30/38 SW	29/39 SW
600	25/33 W	25/34 W	26/36 W	25/35 W	27/37 W	26/36 W	21/31 SW	23/35 SW	23/35 SW
300	8/26 W	10/27 W	10/29 W	10/28 W	12/30 W	12/30 W	9/24 SW	9/27 SW	11/29 SW
Valley	9/24 W	10/26 SW	10/26 W	11/26 W	14/29 W	14/29 W	10/24 W	12/27 W	14/29 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	1/-7	1/-7	-1/-9	-2/-11	-2/-11	-2/-11	-3/-11	-3/-11	-3/-12
600	3/-4	3/-4	1/-6	0/-7	0/-7	0/-7	-0/-7	-1/-8	-1/-8
300	5/2	5/2	4/-0	3/-1	3/-1	3/-1	2/-2	2/-2	2/-3
Valley	7/4	7/4	6/3	5/2	6/2	6/2	5/2	4/1	4/0
Freezing Level*	1000m	1000m	700m	600m	500m	400m	500m	500m	400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A colder day with a severe chill likely over the tops. Perhaps some glare in sunshine off snow on the tops.

Forecast for Thursday 10 Feb 2022

Weather: Clear spells and wintry showers overnight. Then a cold day, with a mixture of bright or sunny spells and wintry showers. A significant chill should be expected even at quite low levels.

Maximum wind: West to southwest 30-35 gust 45mph becoming west or northwest 25-30 gust 40mph, but perhaps 35 gust 50mph at times in showers

Chance of cloud-free hill tops above 800m: 80%, with good views likely but some lower cloud expected as showers pass.

Low cloud and visibility: Mainly good, but reductions in showers. Occasionally very poor at height, with scattered perhaps sometimes broken cloud above 600m, but perhaps broken cloud down to 450m at times in showers.

Temperature: **Valleys:** Plus 2 C, buts zero C where more sheltered, rising to plus 5 or 6 C
At 800m: Minus 4 C
Freezing level: 300 or 400m

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Tuesday 8 February 2022. Location: Helvellyn summit at 12:15. Full report: Although it was only marginally above freezing on the summit at midday, it was raining and there did not appear to have been an overnight frost. These combined factors have meant that there has been a significant thaw at all levels such that the vast majority of Lakeland fells and paths are, once again, free from snow. The snow that remains can be found above 700m with the vast majority above 850m and lies in sheltered spots and hollows and on predominantly east facing aspects (both N and S of due east). Today the snow was very soft and wet; however it would only take a marginal drop in temperature for it to become hard and icy which walkers out on the high fells on Wednesday should be prepared for. Similarly, paths and rocks are currently very wet and, at altitude, these could be icy on Wednesday. Despite the milder temperatures, the summit windchill (what the temperature feels like) was minus 6 degrees at midday, so full winter clothing (waterproofs, extra warm layers, hat & gloves), mountain boots and equipment - including torch, map & compass - are all essential for anyone venturing out onto the high fells. For those attempting, or traversing, steep slopes above the snow line – such as the exits to Striding and Swirral Edges which both have banks of unavoidable snow guarding their exits - an ice axe is strongly recommended and crampons should be carried in case the current soft snow freezes. Owing for the potential for ice on Wednesday, microspikes could be useful for anyone walking above the snowline. Temperature: plus 1.5 C, Maximum wind speed 23.3 mph, Wind chill: minus 6.1 C, Average wind speed: 18.6 mph

Issued at: 1304 on Tue 08 Feb 2022

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